POOLHACKER YC046

POOLHACKER Solar Pool Light for Inground Pools

Model: YC046

Brand: POOLHACKER

1. INTRODUCTION

Thank you for choosing the POOLHACKER Solar Pool Light, Model YC046. This product is designed exclusively for inground pools, providing vibrant and energy-efficient underwater lighting. Featuring 10 dynamic colors, 4 lighting modes, and a smart light-sensing LED, it enhances your pool experience with ease and convenience. This manual provides essential information for proper setup, operation, and maintenance to ensure optimal performance and longevity of your pool light.

Key Features:

- **Exclusive Inground Pool Design:** Neatly fits pool edges for a smooth, elegant appearance.
- **Light Sensing LED:** Automatically activates at dusk for instant ambiance.
- **Vibrant Illumination:** 10 colors and 4 dynamic modes powered by 42 high-quality LEDs.
- **Timed Convenience:** Default 4-hour auto-off timer, with options for 1, 2, or 3 hours.
- **Solar Powered:** High-efficiency ETFE monocrystalline silicon solar panel with a 6400mAh battery.
- **Multi-Light Synchronization:** Syncs with other POOLHACKER solar lighting products in color mode.
- **Waterproof & Integrated Design:** Fully waterproof with a stable triangular structure and removable light panel.

2. PACKAGE CONTENTS

Please ensure all items are present in the package:

- 1 x Solar Panel
- 1 x Mounting Base
- 1 x Pool LED Light Panel
- 1 x Remote Control
- 1 x Adhesive Tube

3. SAFETY INFORMATION

Please read and understand all safety instructions before installation and use.

- **Inground Pools ONLY:** This product is designed exclusively for inground pools with flat, even edges. It is not compatible with uneven pool edges, metal frame above-ground pools, or inflatable pools.
- **Light Sensor Functionality:** If the light is turned off using the [OFF] button on the remote, the light sensor will be paused. To reactivate the light sensor, press [ON] on the remote or long-press the light's button. A white light indicates the sensor is active again.
- **Adhesive Application:** Apply adhesive only to the designated area on the mounting base. Ensure proper ventilation during application.
- **Water Safety:** While the product is waterproof, ensure it is securely installed to prevent accidental dislodgement during pool use.
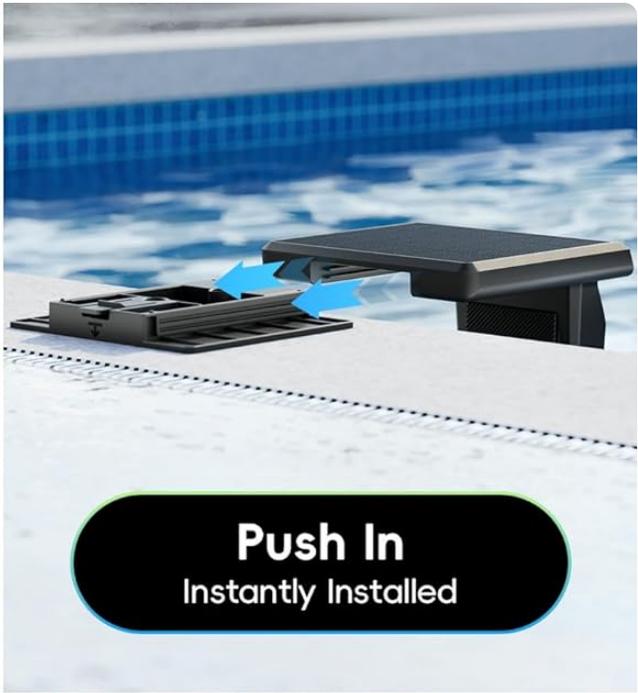
4. SETUP AND INSTALLATION

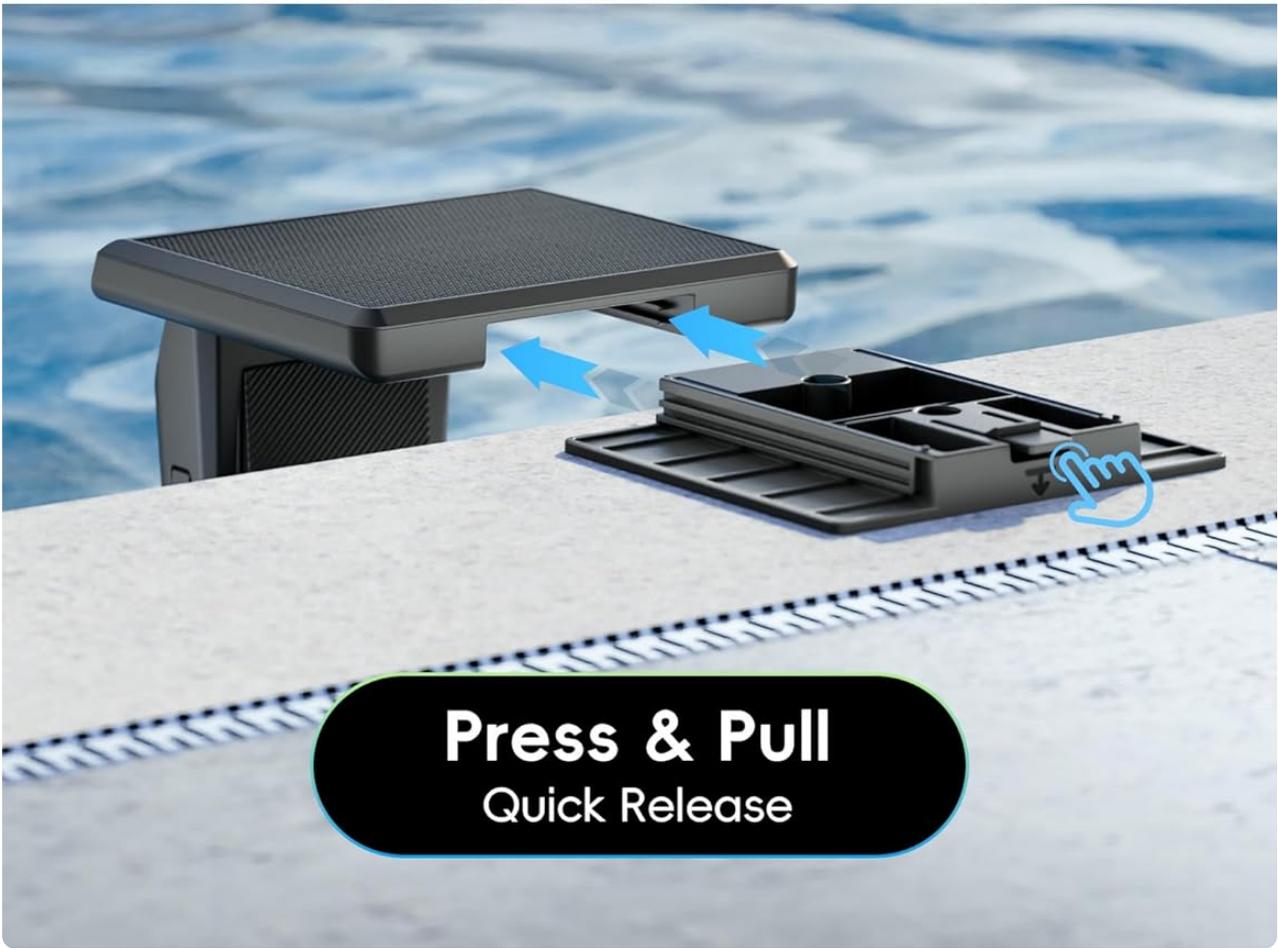Follow these steps for proper installation of your POOLHACKER Solar Pool Light:

1. **Prepare the Installation Area:** Clean the pool edge surface where the light will be installed. Ensure the surface is level, free from bumps, water stains, or sand.
2. **Apply Adhesive:** Apply the provided adhesive to the designated area on the mounting base. Align the solar panel with the pool edge and firmly press the mounting base onto the cleaned surface. Secure it in place.
3. **Allow Adhesive to Cure:** Let the adhesive sit for at least 24 hours to fully cure and ensure strong adhesion. For better adhesion, place a heavy object on the solar panel during this period.
4. **Insert Light Panel:** After the adhesive has fully cured (24+ hours), insert the pool LED light panel into the solar panel unit. It should snap securely into place.

Gentle Formula
Safe for pool surfaces

Push In
Instantly Installed

Press & Pull
Quick Release

Figure 1: Integrated design for easy installation. Apply adhesive to the base and secure it to the pool edge.

Figure 2: The light is designed exclusively for inground pools with flat edges.

Video 1: Installation and demonstration of the POOLHACKER Solar Pool Light. This video illustrates the simple setup process and shows the light's effects in an inground pool.

5. OPERATION

Your POOLHACKER Solar Pool Light is designed for user-friendly operation.

Automatic Light Sensing

The light features an ultra-responsive light sensor. It will automatically turn on when dusk arrives and turn off at dawn, providing hassle-free illumination.

Figure 3: The light automatically illuminates your pool as night falls.

Using the Remote Control

Use the provided remote control to manually adjust settings:

- **ON**/**OFF:** Press the [ON] or [OFF] button to manually turn the light on or off.

- **Color Selection:** Choose from 10 vibrant colors to set the desired mood.
- **Mode Selection:** Select from 4 dynamic modes (e.g., Strobe, Gradient) for different lighting effects.
- **Brightness Adjustment:** Adjust the brightness level to suit your preference.
- **Timer Settings:** Set the auto-off timer to 1, 2, 3, or 4 hours. The default is 4 hours.
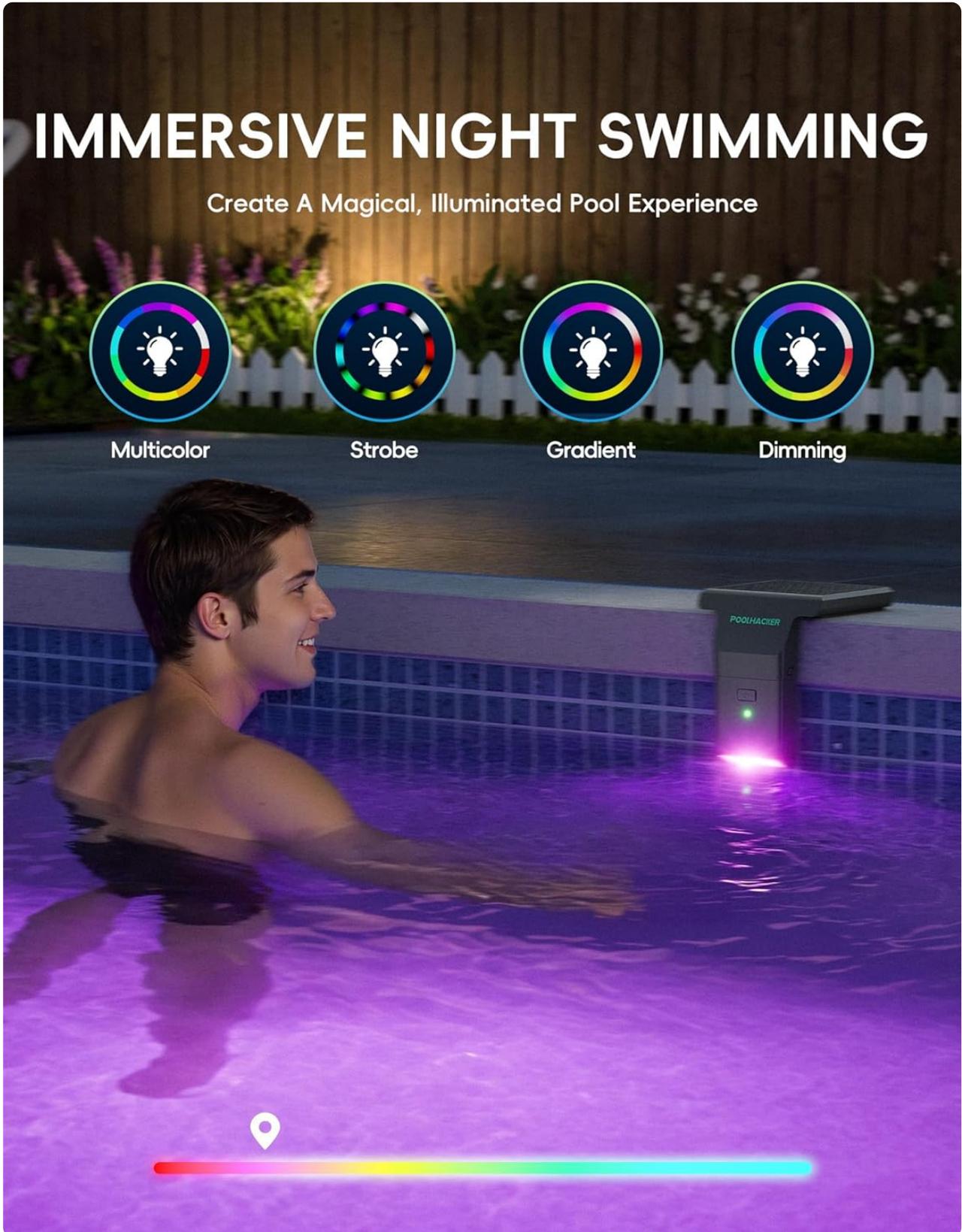

Figure 4: Control colors and modes with the remote for an immersive experience.

Multi-Light Synchronization

If you have multiple POOLHACKER solar lighting products, they can be synchronized. Simply switch them to the same color mode using the remote control, and they will flash in harmony. The remote control has a range of up to 98 feet.

6. MAINTENANCE

To ensure the longevity and optimal performance of your pool light, follow these maintenance guidelines:

- **Solar Panel Cleaning:** Regularly wipe the solar panel surface with a soft, damp cloth to remove dust, debris, or water spots. A clean panel ensures maximum sunlight absorption for efficient charging.
- **Waterproof Design:** The light is fully waterproof. However, avoid submerging the solar panel portion for extended periods. The removable light panel can be used as a portable light by the poolside.
- **Battery Life:** The 6400mAh battery provides up to 24 hours of illumination in low-power mode on a full charge. Ensure the solar panel receives adequate direct sunlight for optimal charging, especially during peak summer months.
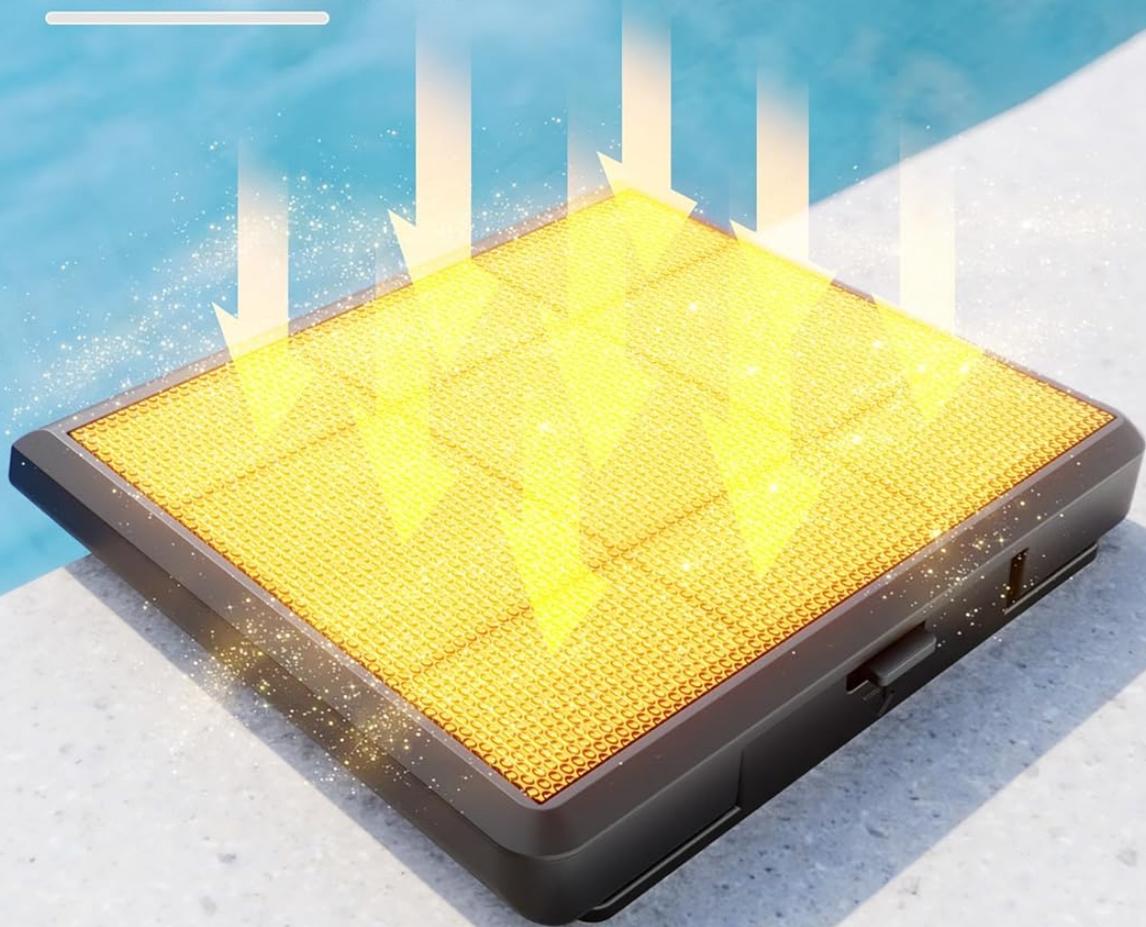
Figure 5: Keep the solar panel clean for efficient charging and long-lasting power.

7. TROUBLESHOOTING

If you encounter any issues with your POOLHACKER Solar Pool Light, refer to the following common problems and solutions:

- **Light Not Turning On Automatically at Night:** If you previously turned off the light using the [OFF] button on

the remote, the light sensor is paused. To reactivate the light sensor, press [ON] on the remote again or long-press the light's button. A white light indicates the light sensor is active.

- **Light Not Charging:** Ensure the solar panel is clean and receiving direct sunlight for several hours during the day. Obstructions like leaves, dirt, or shade can hinder charging efficiency.
- **Light Not Responding to Remote:** Check the remote control's battery. Ensure you are within the 98-foot range and there are no major obstructions between the remote and the light.
- **Water Inside the Light Panel:** While the product is designed to be fully waterproof, if water infiltration occurs, please contact POOLHACKER customer support for assistance.

8. SPECIFICATIONS

Attribute	Value
Brand	POOLHACKER
Model Name	pool light (YC046)
Size	Only for Inground Pool
Power Source	Solar Powered
Light Source Type	LED (42 lights)
Control Method	Remote
Battery Capacity	6400mAh
Water Resistance Level	Waterproof
Product Dimensions	4 x 4 x 4 inches
Item Weight	2.82 pounds

9. WARRANTY AND SUPPORT

For any warranty claims, technical support, or inquiries regarding your POOLHACKER Solar Pool Light, please contact POOLHACKER customer service directly. Refer to the product packaging or the official POOLHACKER website for contact information.